

WRIGHT-PATTERSON AIR FORCE BASE, AREA B,
BUILDING 52, DYNAMOMETER STORAGE BUILDING
DAYTON VIC.
GREENE COUNTY
OHIO

HAER No. OH-79-AG

HAER
OHIO
29-DAYTON,
1AG-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Engineering Record
National Park Service
Department of the Interior
P.O. Box 37127
Washington, D.C. 20013-7127

HISTORIC AMERICAN ENGINEERING RECORD

WRIGHT-PATTERSON AIR FORCE BASE, AREA B,
BUILDING 59, DYNAMOMETER STORAGE BUILDING

HAER No. OH-79-AG

HAER
OHIO
29-DAY T.V.,
1AG -

Location: Near 6th Street close to railroad tracks;
Wright-Patterson Air Force Base, Area B,
Dayton Vicinity, Greene County, Ohio.

Date of
Construction: 1932.

Present Owner: USAF.

Present Use: Storage.

Significance: Building 59 has served Wright-Patterson Air
Force Base as a storage facility for various
organizations since the early years of Wright
Field.

Project History: This report is part of the overall Wright-
Patterson Air Force Base, Area B documentation
project conducted by HAER 1991-1993. See
overview report, HAER No. OH-79, for a
complete description of the project.

WRIGHT-PATTERSON AIR FORCE BASE, AREA B,
BUILDING 59, DYNAMOMETER STORAGE BUILDING
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DESCRIPTION: Building 59 is a two-story, common bond brick building with a low-pitched front, sheet-metal gabled roof, and rectangular towers on the corners. In 1942-43, the Works Progress Administration built two additions onto the original structure (resulting in Buildings 59A, 59B, and 59C). The one-story addition to the north has a flat roof, while the barn-shaped south addition rises three stories with a low-gabled roof.

HISTORY: The original section of the Dynamometer Storage Building (59B) was built in 1932 to store laboratory test equipment. There were two extensions during World War II, which became an Ignition Test Laboratory (59A) and an Accessories Laboratory (59C). These laboratories were designed to test fuel system components and accessories. Building 59C was used for testing hydraulic pumps, valves, actuators, fuel tanks, hose reels and other engine accessories.

In 1983, Building 59C became the Aero Propulsion and Power Directorate contractor maintenance office and shop. Since 1977, Buildings 59A and 59B have been used by a variety of organizations, primarily for storage.

For bibliography, see Wright-Patterson Air Force Base overview report (HAER No. OH-79).